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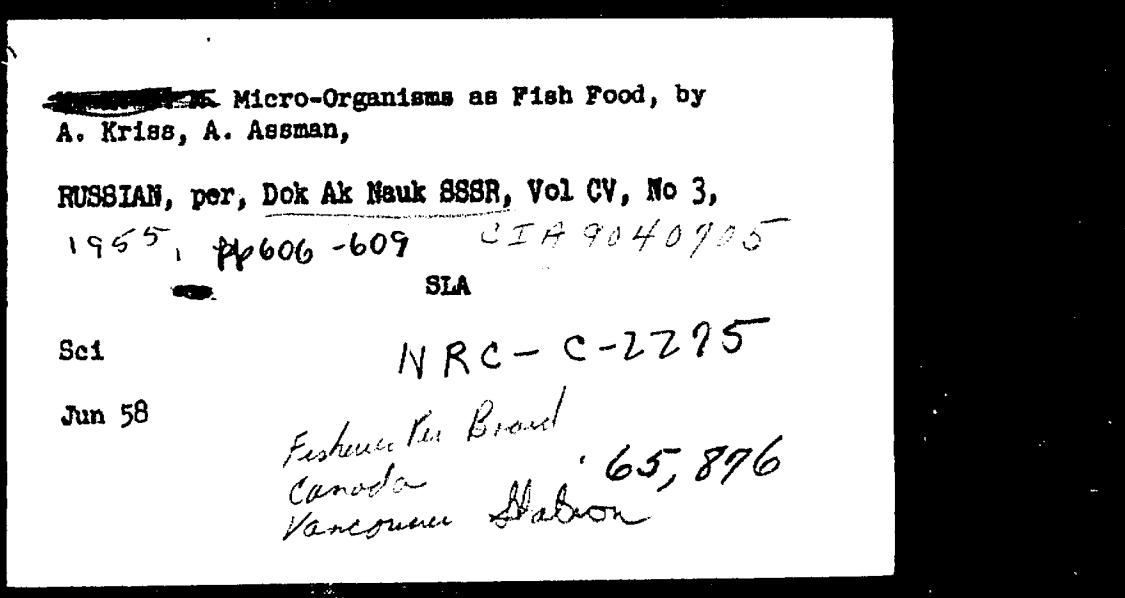
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<p>Bakulina, I. N. and Ionov, N. I. CONCERNING THE ENERGY OF ELECTRON AFFINITY OF HALOGEN ATOMS, tr. by George N. Kasachkoff and George F. Hill. 9 May 62 [7]p. 4 refs. [AMC] (Redstone) Trans-nr 22-62. Order from OTS or SLA \$1.10 62-24798</p> <p>Trans. of Akademiya Nauk SSSR. Doklady 1955, v. 105, no. 4, p. 680-682.</p> <p>DESCRIPTORS: *Potassium compounds, *Halides, Chlorides, Bromides, Iodides, Fluorides, Mass spectroscopy, *Electrons, Electron capture, Energy.</p> <p>The energy of the electron affinity of fluorine atoms was proven to be considerably less than that of chlorine atoms and differs only by a few hundredths of an elec- tron volt from the energy of the electron affinity of bromine atoms. (Author) (Physics--Molecular, TT, v. 9, no. 8)</p>	<p>62-24798</p> <p>I. Bakulina, I. N. II. Ionov, N. I. III. AMC(Redstone) Trans-22-62 IV. Army Missile Command, Redstone Arsenal, Ala.</p> <p>Office of Technical Services</p>
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RF-3965

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S-124/60

(NY-3594).

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JPRS 2634

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CIA/FDD U-8642

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✓ USSR

Sci - Chemistry, Biochemical; Biology

Aug 56 CTS/DEX

Malyusov, V. A., Umnik, N. N., and Zharoronkov,
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MASS TRANSFER IN PROCESSES OF FILM
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(Massoobmen v Prosesse Plenochnoi Rektifikatsii -
Turbulentayi Potok Para). [1961] 3p. 8 refs. (DSIR
LLU) M. 2748.

Order from OTS or SLA \$1.10

61-23320

Unedited trans. of Akad[emiya] Nauk SSSR. Doklad[y]
1955, v. 105, no. 5, p. 1057ff.

DESCRIPTORS: Vapors, Turbulent flow, Separation,
*Mass transfer.

The equation $h_{fg} = 11.1d^{0.64}Re_g^{0.23}Pr_g^{0.67}$ is
recommended for calculating the rectification process
in the range of Reynolds numbers $Re_g = 100$ to 15,000.
(See also 59-18628, 61-23315)
(Chemistry--Physical, TT, v. 7, no. 7)

61-23320

I. Malyusov, V. A.
II. Umnik, N. N.
III. Zharoronkov, N. M.
IV. DSIR LLU M. 2748

Office of Technical Services

The Role of Tissue Sulfhydryl Groups in the Formation
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Kh. S. Koshtoyants, (Assoc. Member of the Academy of
Sciences, USSR) 8 pp.

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Sci - Medicine
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NIH Tr No 1-10
OTS-TI-64-19488
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MLL M. 2744
OTS 61-22324
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Sci - Phys

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Sci - Engineering
May 57

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AEC Tr 2418

RT - 3881

Scientific - Nuclear Physics

Min/Metals

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